



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231 on January 10, 2002.

Christa M. Caliva

Applicant : Dah-Ben Liang, et al.  
Application No. : 09/637,764  
Filed : August 10, 2000  
Title : ROCK BIT WITH HARD-FACING  
MATERIAL INCORPORATING  
SPHERICAL CAST CARBIDE  
PARTICLES

Grp./Div. : 3672  
Examiner : R. Schoepfel

Docket No. : 36912/CM/S61

AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Post Office Box 7068  
Pasadena, CA 91109-7068  
January 10, 2002

Commissioner:

In response to the Office Action of August 10, 2001, please amend the above-identified application as follows:

In the Claims:

Please cancel claims 5, 6 and 38.

Amend claims 1, 7 and 8 as follows:

1. (Amended) A rock bit comprising:  
a body,



3672  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
AMENDMENT TRANSMITTAL LETTER

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Christa M. Caliva

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SPHERICAL CAST CARBIDE PARTICLES  
Grp./Div. : 3672  
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Assistant Commissioner for Patents  
Washington, D.C. 20231

Post Office Box 7068  
Pasadena, CA 91109-7068  
January 10, 2002

Enclosed is an amendment to the above-identified application.

COPY OF PAPERS  
ORIGINALLY FILED

CLAIMS AS AMENDED						
	Claims Remaining After Amendment	Highest Number Paid For	Number Extra Claims	Small Entity Rate	Large Entity Rate	FEE
Total Claims Fee	35	* 38	0	x \$9.00	x \$18.00	\$0.00
Independent Claims	6	** 7	0	x \$42.00	x \$84.00	\$0.00
Multiple Dependent Claims ***				\$140.00	\$280.00	\$0.00
TOTAL FILING FEE						\$0.00
NO ADDITIONAL FEE REQUIRED ****	IF NO FEE REQUIRED, INSERT "0"					\$0.00
LIST INDEPENDENT CLAIMS: 1, 12, 23, 28, 32 and 36						
* IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 20 OR LESS, WRITE "20" IN COLUMN 3 ** IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 3 OR LESS, WRITE "3" IN COLUMN 3 *** PAY THIS FEE ONLY WHEN MULTIPLE DEPENDENT CLAIMS ARE ADDED FOR THE FIRST TIME **** IF NO FEE REQUIRED, ADDRESS ENVELOPE TO "BOX NON-FEE AMENDMENTS"						

Attached is our check for \$ to pay the fees calculated above.  
☒ A Petition for Extension of Time and the required fee are enclosed.  
Other enclosures:

**Amendment Transmittal Letter**  
**Application No. 09/637,764**

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by or to give effect to this paper to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A copy of this letter is enclosed.**

Respectfully submitted,  
CHRISTIE, PARKER & HALE, LLP

By 

Constantine Marantidis  
Reg. No. 39,759  
626/795-9900

CM/cmc

CC PAS407290.1-\* - 1/10/02 11:20 AM